

# S145C

CHEMICAL STORE, INC.

S145C is a highly reactive black iron powder, imported from China, for fireworks manufacturing.

Particle size: Mesh 145.

High Apparent Density

Attracts by magnets.

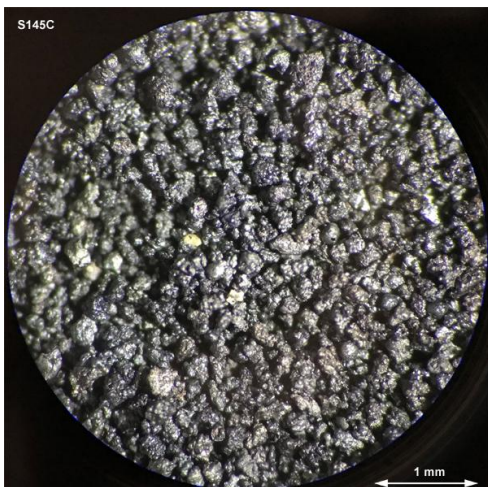
Can rust easier than high purity iron.

May be used as a compound of sparklers and firework products as well as creating rust effects.

This product is very clean. It appears to be made by atomization of black carbon steel.



## Under Microscope



Magnified image of S145C shows a consistent, narrow cut particle size. Some features include:

- Black color
- Very low dust and easy to handle
- Can naturally rust without rust promoters
- Can be used in Oxygen Absorbers
- Alloy Type: LA-C Steel

Availability: Limited

Packaging: 1-Lb, 5-Lb, 10-Lb, 55-Lb.

## PHYSICAL AND CHEMICAL PROPERTIES

### Chemical Analysis, Typical

<b>Fe</b>	> 97.82 %
<b>C</b>	0.75 %
<b>Ti</b>	0.08 %
<b>Sn</b>	< 0.04 %
<b>Cu</b>	< 0.23 %
<b>Mn</b>	< 0.88 %
<b>Pb</b>	> 0.02 %

### Typical Screen Analysis

U.S. mesh	Microns	Wt %
+100	>149	Trace
-100 +145	>105	95
-145	<105	3

+: stays over/ is larger than

- : Passes trough/ is smaller than